

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An assembly, comprising:
a tire pressure sensor for automobile vehicle wheels; ~~and~~
a microprocessor for pressure measurement and for control of a radio transmission circuit,

wherein the tire pressure sensor having has a module for activating the microprocessor that is associated with an activation control timer, wherein the timer that is programmable; and

means are provided a feature for programming it the timer.
2. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the microprocessor is ~~arranged to program~~ includes the feature for programming the timer.
3. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the ~~means~~ feature for programming the timer ~~are~~ is sensitive to a temperature of a tire.
4. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the ~~means~~ feature for programming the timer ~~are~~ is sensitive to a pressure of a tire.
5. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the ~~means~~ feature for programming the timer ~~are~~ is sensitive to at least one of a speed of rotation and to a centrifugal force caused by a rotation of the wheel.

6. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 5, further comprising a radio transmission circuit controlled by the microprocessor, wherein the radio transmission circuit is arranged to transmit ~~frames~~ information containing at least an identification of the sensor at an accelerated rate during balancing of the corresponding wheel being assembled and at a slowed rate when a temperature of the corresponding wheel increases.

7. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the timer is mounted in the pressure sensor and is arranged to control a variable-period activation module.

8. (Currently amended) ~~Assembly as claimed in~~ The assembly of claim 1, wherein the timer is mounted in the microprocessor and is arranged to be controlled by a fixed-period activation module.

9.-15. (Canceled).

16. (Previously Presented) A pressure assembly for use with a wheel of a motor vehicle, the assembly comprising:
a tire pressure sensor; and
a processing circuit configured to receive signals from the tire pressure sensor and output data based on the tire pressure, the processing circuit having a periodic operation;
wherein a period of the periodic operation of the processing circuit is variable and comprises a predetermined finite period of time which can be interrupted by occurrence of a predetermined event causing the processing circuit to operate.

17. (Previously Presented) The assembly of claim 16, wherein the predetermined event is determined based on a gradient in temperature.

18. (Previously Presented) The assembly of claim 16, wherein the processing circuit is configured to be controlled to operate at a first rate when a temperature is at a first value and is configured to be controlled to operate at second rate slower than the first rate when the temperature is at a second value higher than the first value.

19. (Previously Presented) The assembly of claim 18, wherein the processing circuit is configured to be controlled such that when operating at the second rate, the processing circuit is interrupted and will activate upon the occurrence of the predetermined event.

20. (Previously Presented) A method for operating a tire pressure sensor assembly of a motor vehicle configured to monitor pressure of a tire of the vehicle, comprising:

operating a microprocessor of the tire pressure sensor at a first rate greater than zero; and

operating the microprocessor at a second rate greater than zero in response to a signal received from a sensor that is configured to monitor a parameter of an environment of the tire, the second rate being different than the first rate.

21. (Previously Presented) The method of claim 20, wherein the second rate is slower than the first rate.

22. (Previously Presented) The method of claim 20, wherein the parameter of the tire is a temperature of the tire.

23. (Previously Presented) The method of claim 20, wherein operating the microprocessor comprises controlling the microprocessor with a timer.

24. (Previously Presented) The method of claim 23, wherein the timer is programmable based on data received from the sensor.

25. (Previously Presented) The method of claim 20, further comprising operating the microprocessor at a third rate greater than zero in response to a signal received from a second sensor that is configured to monitor a parameter related to the tire, the third rate being different than the first rate and the second rate.